

- Fig. 17. Fore wing of fossil Psocid *Dichentomum tinctum*, after Tillyard, 1926.
Fig. 18. Fore wing of fossil Protorthopteroid *Lepium elongatum* (meshwork omitted), after Handlirsch, 1925.
Fig. 19. Fore wing of fossil Protorthopteroid *Metropator pusillus* (cross veins omitted), after Tillyard, 1926.

NOTES ON ABERRATIONS OF NEW JERSEY BUTTERFLIES.

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(Continued from December number.)

Euphydryas phaeton Drury, aberration. Two female specimens bred from larvae taken at Hillside, N. J., in May, 1920—in collection of C. Rummel.

orange colored spots are so small and tinged with black scales to be nearly obliterated. The orange spots on discal area of primaries are completely absent, giving those specimens a decidedly blackish appearance. The white spots are about normal. On the under side the orange colored spots are slightly more pronounced; otherwise normal.

Basilarchia archippus Cramer, aberration. One female specimen taken at Green Village, N. J., August 14, 1923—in collection of C. Rummel.

This specimen has a large whitish patch on all four wings. On the under side this patch is diffused to spread all over the wing, giving the specimen a much lighter appearance on both sides than normal *archippus*.

Basilarchia archippus Cramer, aberration. One male specimen bred in Kearny, N. J., in 1918—in collection of C. Rummel.

The orange brown to be found on normal *archippus* on both primaries and secondaries is replaced with dark brown uniformly tinged with black. The black line traversing the secondaries is much broader and shifted closer toward the outer margin, reducing this brown band between the traverse line and the outer margin to seven oval brown spots. The white dots, 15 in number, contained in the border are replaced with blue dots. On the under side much of the brown is replaced with black or tinged with black scales. The black traverse line showing on the upper side is narrower with a blue parallel line on the inside and nearly all the white markings are replaced with blue giving this specimen a much darker appearance than normal *archippus*.

(To be continued.)